

FIG. 1A

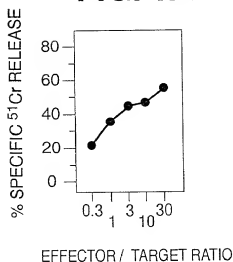


FIG. 1B

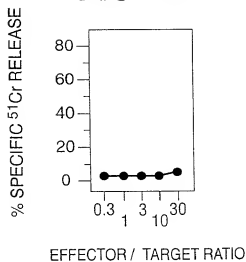


FIG. 1C

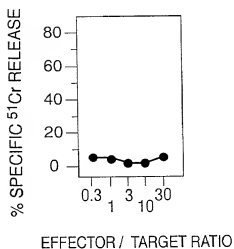


FIG. 1D

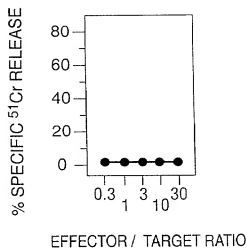


FIG. 2

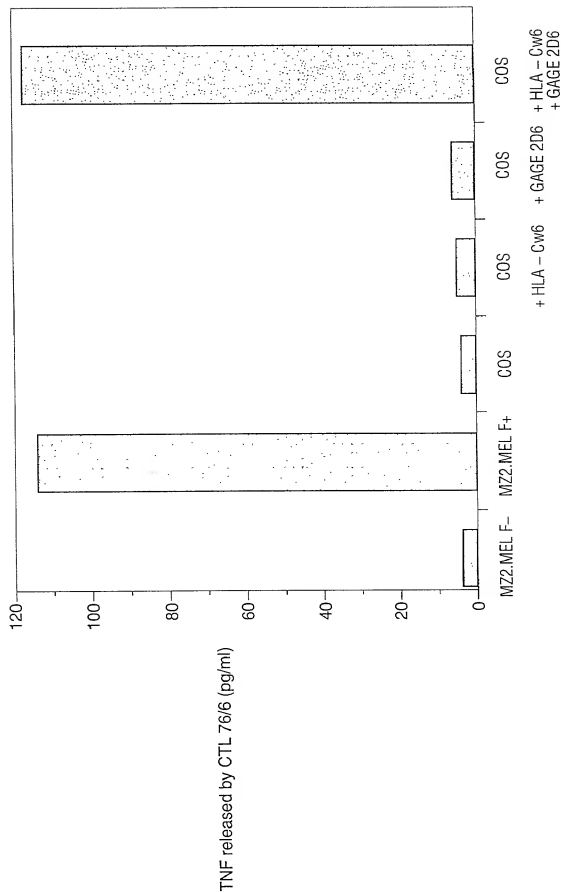


FIG.3

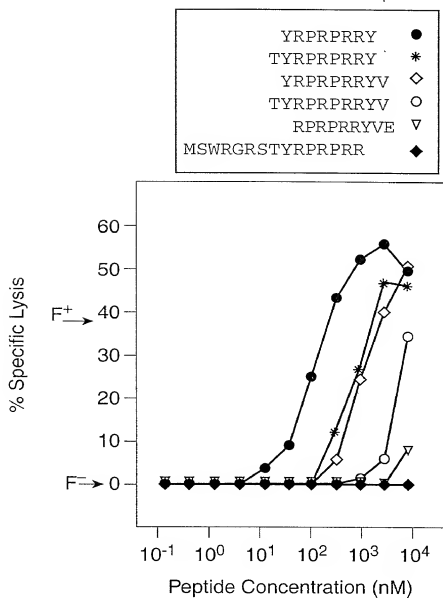


FIG. 4A

GAGE-1	-----	CTGTGAGGACGAGTGTGTGGTTCCTGGCG	TCGGACTCTTTTCTCTACTGAGATTCA	1
GAGE-2	-----ACGCAGGGAG	CTGTGAGGACGAGTGTGTGGTTCCTGGCG	TCGGACTCTTTTCTCTACTGAGATTCA	1
GAGE-3	CTCATATTTTCACACAGATGATGTTGGCGAG	AAGATCGACCTATTATTGGTCTAGGCCAAT	AATAGGTCGATCTTTCTCTGCCAAGCTCAT	1
GAGE-4	-----CGCCAGGGAG	CTGTGAGGACGAGTGTGTGGTTCCTGGCG	TCGGACTCTTTTCTCTACTGAGATTCA	1
GAGE-5	-----AG	CTGTGAGGACGAGTGTGTGGTTCCTGGCG	TCGGACTCTTTTCTCTACTGAGATTCA	1
GAGE-6	-----GCCAGGGAG	CTGTGAGGACGAGTGTGTGGTTCCTGGCG	TCGGACTCTTTTCTCTACTGAGATTCA	1
VDE 44				
GAGE-1	TCTGTGTGAAATATGAGTTGGCGAGGAAGA	TCGACCTATTATTTGGCCTTAGACCAAGCGC	TACTGTAGCCTCTCTGAATGATGTTGGCGCT	1
GAGE-2	TCTGTGTGAAATATGAGTTGGCGAGGAAGA	TCGACCTATTATTTGGCCTTAGACCAAGCGC	TACTGTAGCCTCTCTGAATGATGTTGGCGCT	1
GAGE-3	TTTCACACAGTCTGAAATCTCAGTAGAGGAAGA	TCGACCTATTATTTGGCCTTAGACCAAGCGC	TACTGTAGCCTCTCTGAATGATGTTGGCGCT	1
GAGE-4	TCTGTGTGAAATATGAGTTGGCGAGGAAGA	TCGACCTATTATTTGGCCTTAGACCAAGCGC	TACTGTAGCCTCTCTGAATGATGTTGGCGCT	1
GAGE-5	TCTGTGTGAAATATGAGTTGGCGAGGAAGA	TCGACCTATTATTTGGCCTTAGACCAAGCGC	TACTGTAGCCTCTCTGAATGATGTTGGCGCT	1
GAGE-6	TCTGTGTGAAATATGAGTTGGCGAGGAAGA	TCGACCTATTATTTGGCCTTAGACCAAGCGC	TACTGTAGCCTCTCTGAATGATGTTGGCGCT	1
VDE 45				
GAGE-1	ATGCGGCCCGAGCAGTTTCAGTGTGATGAAGTG	GAACCTAACGCTCAGGATCCTGCGAGCTGCT	GCAACTCAACGCTCAGGATCCTGCGAGCTGCT	2
GAGE-2	ATGCGGCCCGAGCAGTTTCAGTGTGATGAAGTG	GAACCTAACGCTCAGGATCCTGCGAGCTGCT	GCAACTCAACGCTCAGGATCCTGCGAGCTGCT	2
GAGE-3	ATGCGGCCCGAGCAGTTTCAGTGTGATGAAGTG	GAACCTAACGCTCAGGATCCTGCGAGCTGCT	GCAACTCAACGCTCAGGATCCTGCGAGCTGCT	2
GAGE-4	ATGCGGCCCGAGCAGTTTCAGTGTGATGAAGTG	GAACCTAACGCTCAGGATCCTGCGAGCTGCT	GCAACTCAACGCTCAGGATCCTGCGAGCTGCT	2
GAGE-5	ATGCGGCCCGAGCAGTTTCAGTGTGATGAAGTG	GAACCTAACGCTCAGGATCCTGCGAGCTGCT	GCAACTCAACGCTCAGGATCCTGCGAGCTGCT	2
GAGE-6	ATGCGGCCCGAGCAGTTTCAGTGTGATGAAGTG	GAACCTAACGCTCAGGATCCTGCGAGCTGCT	GCAACTCAACGCTCAGGATCCTGCGAGCTGCT	2
VDE 46				
GAGE-1	CAGGAGGAGGAGGATGAGGAGCATCTTCCCA	GGTCAAGGGCCGAAGCCTTGAAGCTATAGC	CAGGAACAGGGGTCTACCCACAGACTGGGTGT	3
GAGE-2	CAGGAGGAGGAGGATGAGGAGCATCTTCCCA	GGTCAAGGGCCGAAGCCTTGAAGCTATAGC	CAGGAACAGGGGTCTACCCACAGACTGGGTGT	3
GAGE-3	CAGGAGGAGGAGGATGAGGAGCATCTTCCCA	GGTCAAGGGCCGAAGCCTTGAAGCTATAGC	CAGGAACAGGGGTCTACCCACAGACTGGGTGT	3
GAGE-4	CAGGAGGAGGAGGATGAGGAGCATCTTCCCA	GGTCAAGGGCCGAAGCCTTGAAGCTATAGC	CAGGAACAGGGGTCTACCCACAGACTGGGTGT	3
GAGE-5	CAGGAGGAGGAGGATGAGGAGCATCTTCCCA	GGTCAAGGGCCGAAGCCTTGAAGCTATAGC	CAGGAACAGGGGTCTACCCACAGACTGGGTGT	3
GAGE-6	CAGGAGGAGGAGGATGAGGAGCATCTTCCCA	GGTCAAGGGCCGAAGCCTTGAAGCTATAGC	CAGGAACAGGGGTCTACCCACAGACTGGGTGT	3

FIG. 4B

VDE 24

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GAGE-1	GAGTGTGAAGATGGTCTCGATGGCCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	AGCCTGAAGAAG	AGATGAGGTCTCTACTAT	3
GAGE-2	GAGTGTGAAGATGGTCTCGATGGCCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	AGCCTGAAGAAG	AGATGAGGTCTCTACTAT	4
GAGE-3	GAGTGTGAAGATGGTCTCGATGGCCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	AGCCTGAAGAAG	AGATGAGGTCTCTACTAT	4
GAGE-4	GAGTGTGAAGATGGTCTCGATGGCCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	AGCCTGAAGAAG	AGATGAGGTCTCTACTAT	4
GAGE-5	GAGTGTGAAGATGGTCTCGATGGCCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	AGCCTGAAGAAG	AGATGAGGTCTCTACTAT	4
GAGE-6	GAGTGTGAAGATGGTCTCGATGGCCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	AGCCTGAAGAAG	AGATGAGGTCTCTACTAT	4
GAGE-1	GTTGCCAGAGCTGGGATTCCTCGCTTTTA	ATGAACAATTTGCTTCTTAAATCTTCCCCA	CGGAACCTCTGGT	CGTGAATAATATCAAAAT	4
GAGE-2	-----	-----	-----	-----	4
GAGE-3	-----	-----	-----	-----	4
GAGE-4	-----	-----	-----	-----	4
GAGE-5	-----	-----	-----	-----	4
GAGE-6	-----	-----	-----	-----	4
GAGE-1	GGCGAGAGACCGTTTAGTTCCTATCATCTG	TGGCAATGTGAAGGCAATCACAGTCTTAAA	AGAAACATCTGTGAAATCTTCCAGGCTGCT	5	
GAGE-2	-----	CTGAAGAAGCAATCACAGTCTTAAA	AGAAAGCACAGTGAATAATCATCCAGGCTGCT	4	
GAGE-3	-----	CTGAAGAAGCAATCACAGTCTTAAA	AGAAAGCACAGTGAATAATCATCCAGGCTGCT	4	
GAGE-4	-----	CTGAAGAAGCAATCACAGTCTTAAA	AGAAAGCACAGTGAATAATCATCCAGGCTGCT	4	
GAGE-5	-----	CTGAAGAAGCAATCACAGTCTTAAA	AGAAAGCACAGTGAATAATCATCCAGGCTGCT	4	
GAGE-6	-----	CTGAAGAAGCAATCACAGTCTTAAA	AGAAAGCACAGTGAATAATCATCCAGGCTGCT	4	
GAGE-1	CCTATGTTGGAAATTTCTTCATTAAATTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	CAAAAAAAAAAAAA	6	
GAGE-2	CCTATGTTGGAAATTTCTTCATTAAATTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	CAAAAAAAAAAAAA	5	
GAGE-3	CCTATGTTGGAAATTTCTTCATTAAATTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	CAAAAAAAAAAAAA	5	
GAGE-4	CCTATGTTGGAAATTTCTTCATTAAATTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	CAAAAAAAAAAAAA	5	
GAGE-5	CCTATGTTGGAAATTTCTTCATTAAATTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	CAAAAAAAAAAAAA	5	
GAGE-6	CCTATGTTGGAAATTTCTTCATTAAATTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	CAAAAAAAAAAAAA	5	

FIG. 5

Antigenic
Peptide

GAGE-1	MS-WKGRST	YRPRPRRYVPEPEMI	GPMRPEQFSDEVEPATPPEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-2	MS-WKGRST	YRPRPRRYVPEPEMI	GPMRPEQFSDEVEPATPPEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-3	MS-WKGRST	YRPRPRRYVPEPEMI	GPMRPEQFSDEVEPATPPEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-4	MS-WKGRST	YRPRPRRYVPEPEMI	GPMRPEQFSDEVEPATPPEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-5	MS-WKGRST	YRPRPRRYVPEPEMI	GPMRPEQFSDEVEPATPPEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-6	MS-WKGRST	YRPRPRRYVPEPEMI	GPMRPEQFSDEVEPATPPEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-1	LSQEQGHPTGCECEDGPDGQEMDP	PNPEVKTPPEEMRSHYVAQTGILW	LLMNNCFMLSPRKP		13
GAGE-2	HSQEQGHPTGCECEDGPDGQEMDP	PNPEVKTPPEGEKQSQC	-----		11
GAGE-3	LSQEQGHPTGCECEDGPDGQEMDP	PNPEVKTPPEGEKQSQC	-----		11
GAGE-4	LSQEQGHPTGCECEDGPDGQEMDP	PNPEVKTPPEGEKQSQC	-----		11
GAGE-5	LSQEQGHPTGCECEDGPDGQEMDP	PNPEVKTPPEGEKQSQC	-----		11
GAGE-6	LSQEQGHPTGCECEDGPDGQEMDP	PNPEVKTPPEGEKQSQC	-----		11

FIG. 6

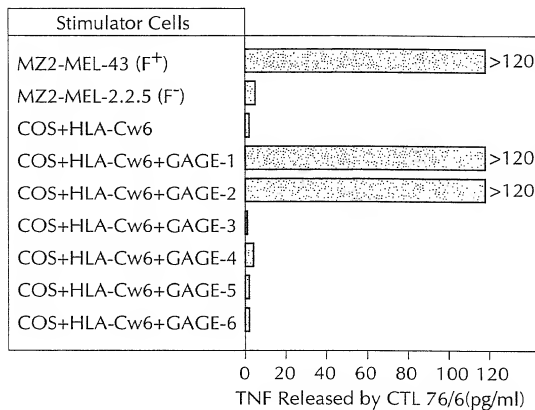


FIG. 8

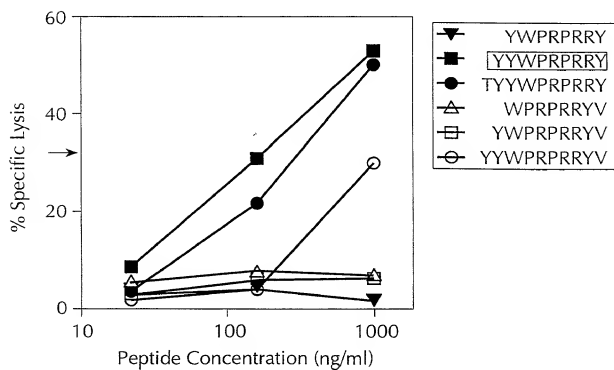


FIG. 7

